



August 7, 2024

Jeff England, PE PMP
Senior Consultant
Parametrix
Via email: JEngland@parametrix.com

**Re: Country House Condos Water Systems Upgrades (PR#95-2024)
Black Butte Ranch Corporation (PWS ID#00086)
Conditional Approval**

Dear Jeff:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the waterline project for Black Butte Ranch. On July 22, 2024, our office received items received plans and a land use compatibility statement. A plan review fee of \$3,300 was received on July 26, 2024.

The project includes installation of 8" and 10" C900 waterline and associated appurtenances for the Country House Condos.

The plans are approved with the following conditions:

- All items in contact with potable water must meet NSF Standard 61 or equivalent.
- The design must allow for 20 psi to be maintained at all service meters.
- Air-relief valves, if needed, must be installed at high points where air can accumulate. The breather tube on air-relief valves must be extended above ground surface and provided with a screened, downward facing elbow.
- Non-conductive water lines must be provided with a tracer wire. The distance between tracer wire lead access locations must not be more than 1,000 feet.
- Disinfection of the waterline must be completed according to AWWA C651. Results from the coliform sampling must be provided to our office.

Until we receive verification that the conditions have been met and final approval has

been issued, the facility is not approved for use. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #95-2024 and can be emailed to me at Carrie.L.Gentry@oha.oregon.gov.

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,



Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Chantal Wikstrom, REHS, OHA/DWS
Jeff Freund, REHS, Deschutes County Health Department
Swen Petterson, Utilities Manager, Black Butte Ranch Corporation